

Remarks

A. Status of the Claims

No claims have been cancelled or added. Claims 64-66, 68-73, 76, 83-84, 118-119, 126, and 130-131 are revised. Claims 64, 83, 118, and 126 are revised to further define component (A), non-limiting support for which can be found in the specification and claims as originally filed (*see, e.g.*, pages 2-6 and 8). The revisions to the dependent claims conform with those made to claims 64, 83, 118, and 126.

Therefore, claims 64-74, 76-79, 81-95, 97-101, and 103-131 are pending, with claims 83-95, 97-101, and 103-127 being withdrawn from consideration at this time for being directed to a non-elected invention.

B. Claim Objections

Claims 66 and 68-73 are objected to for failing to further limit these claims. Applicant respectfully submits that the revised claim set addresses the Examiner's concern.

C. Obviousness Rejection

Independent Claims

Claims 64-74, 76-79, 81-82, and 128-131 are rejected under 35 U.S.C. § 103(a) for allegedly being obvious over U.S. Patent 6,184,323 ("Jiang"). Although Applicant respectfully disagrees with the Examiner, independent claim 64 is revised to further define component A of the composition as:

15 to 60 wt% of at least one diacrylate monomer or oligomer thereof or a mixture of at least one non-aromatic diacrylate monomer or oligomer thereof and at least one aromatic acrylate monomer (A)

Applicant respectfully submits that this component A in combination with the additional elements in claim 64 is neither disclosed nor suggested in Jiang. For instance, while Jiang envisages the use of polyalkylene glycol di(meth)acrylate, it does so only as an optional

ingredient (see col. 3, lines 33-34). Indeed, Jiang fails to disclose or suggest using polyalkylene diacrylates. Rather, it leads a person having ordinary skill in the art to use dimethacrylates as shown in the examples where component d) is BPOMA (a polybutylene glycol dimethacrylate).

Further, in the examples where a diacrylate is used (compound R604 in Examples 6-7), the amount ranges from 5 to 9%. These exemplary compositions also use 52% and 54% of an aromatic dimethacrylate monomer (which corresponds to constituent C of the claimed invention). Such amounts are outside of the claimed ranges.

In addition, Jiang prompts its readers to use the optional component D with a halogenated monoacrylate compound, and in particular, a brominated compound (see col. 5, lines 38-43 and Examples 1, 2, 14, and 15). By comparison, Applicant's claim 64 states that "the composition does not contain a brominated monofunctional acrylate."

For at least the above-stated reasons, Applicant requests that the current obviousness rejection be withdrawn.

Dependent Claims

Applicant respectfully notes that dependent claims 66-69 further define the amount of component A in the composition to be 20% or more. By comparison, and as noted above, Jiang limits the amount of its optionally polyalkylene glycol di(meth)acrylate ingredient to be no more than 15% (col. 3, lines 33-34). Nothing in this reference suggests going above this amount for this optional component.

Therefore, Applicant respectfully submits that dependent claims 66-69 are further patentable over Jiang.

D. Rejoinder of Withdrawn Claims

Given the allowable nature of the claims currently under examination and similar amendments to the withdrawn claims, rejoinder of claims that have been withdrawn from prosecution is proper and requested.

E. Conclusion

Applicants believe that they have submitted a complete reply to the Final Office Action mailed May 4, 2010, and respectfully request favorable consideration of the claims in view of the statements contained herein.

Should the Examiner have any questions, comments, or suggestions relating to this case, the Examiner is invited to contact the undersigned Applicants' representative at (512) 536-3035.

Respectfully submitted,



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